

AMENDMENTS TO THE CLAIMS:

The following listing of the claims replaces all prior versions or listings:

1. (Currently Amended) A pharmaceutical composition, comprising:
at least one pharmaceutically active ingredient;
poly(ethylene sebacate); and
wherein said pharmaceutical composition is in the form of different one or more solid
or liquid drug delivery systems, wherein said one or more solid or liquid drug delivery
systems comprise one or more of the following structures: drug loaded microparticles,
microcapsules, nanoparticles, non-stent molded implants, coated granules, films, coated
tablets, ophthalmic inserts, fibers, ligatures or sutures.
2. (Previously presented) The pharmaceutical composition as claimed in claim 1
wherein molecular weight of said poly(ethylene sebacate) is in the range of 3,000 to
30,000.
3. (Previously presented) The pharmaceutical composition as claimed in claim 1,
wherein said pharmaceutically active ingredient comprises anti-hypertensives,
cardiovascular agents, analgesics, steroids, physiologically active peptides and/or proteins,
anti-cancer agents, antibiotics, fibrinolytics, anti-inflammatory agents, expectorants, muscle
relaxants, epilepsy remedies, anti-ulcerative agents, anti-hyperchondriac agents, anti-
allergic agents, diuretics diabetes curatives, hyperlipidemic remedies, anticoagulants,
hemolytic agents, anti tubercular agents, hormones, anesthetic antagonists, osteoclastic

suppressants, osteogenic promotives, angiogenesis suppressors, mydriatics, myotics, or glaucoma therapy and/or mixtures thereof.

4. (Previously presented) The pharmaceutical composition as claimed in claim 1, wherein said pharmaceutically active ingredient to poly(ethylene sebacate) ratio is in the range from 95:5 to 1:99.

5. (Cancelled)

6. (Currently amended) The pharmaceutical composition as claimed in claim 1, wherein said one or more solid or liquid drug delivery systems comprise molded implants.

7. (Currently amended) The pharmaceutical composition as claimed in claim 1, wherein said one or more solid or liquid drug delivery systems comprise coated granules, prepared by coating the granules with 1-5% solution of said poly(ethylene sebacate) in a suitable solvent.

8. (Currently amended) The pharmaceutical composition as claimed in claim 1, wherein said one or more solid or liquid drug delivery systems comprise injectable microparticles suitable for sub-cutaneous, intra-muscular, intravenous or periodontal administration.

9. (Cancelled)

10. (Currently amended) The pharmaceutical composition as claimed in claim 1, wherein said one or more solid or liquid drug delivery system comprises systems comprise microparticles and/or nanoparticles dispersed in a gel formulation capable of periodontal administration.

11. (Currently amended) The pharmaceutical composition as claimed in claim 1, wherein said one or more solid or liquid drug delivery system comprises systems comprise film.

12. (Previously presented) The pharmaceutical composition as claimed in claim 1, wherein said microcapsules comprise sustained release microcapsules.

13. (Previously presented) The pharmaceutical composition as claimed in claim 12, wherein said microcapsules are produced in an oil/water suspension system, in which the drug is embedded within the polymer microparticles forming the oil phase, and stabilizing agents for the microparticles forming an aqueous phase.

14. (Previously presented) The pharmaceutical composition as claimed in claim 13, wherein the stabilizing agents comprise polyvinyl alcohol, polyvinyl pyrrolidone, alginate, gelatin, methyl cellulose, polyoxyethylene derivatives of sorbitan fatty esters and/or polyoxyethylene fatty ethers.

15. (Previously presented) The pharmaceutical composition as claimed in claim 1, wherein a particle size of said nanoparticles is in the range of 10 nanometers to 500 nanometers.

16. (Currently amended) The pharmaceutical composition as claimed in claim 1, wherein said one or more solid or liquid drug delivery systems comprise lipase capable of modifying release of said pharmaceutically active ingredient.

17. (Previously presented) The pharmaceutical composition as claimed in claim 1, wherein said pharmaceutical composition is capable of being administered by either oral, ophthalmic, parenteral, mucosal or transdermal route.

18. (Cancelled)

19. (New) The pharmaceutical composition of claim 1, wherein said non-stent molded implant is formed by melt molding.

20. (New) A pharmaceutical composition, comprising:
at least one pharmaceutically active ingredient;
poly(ethylene sebacate); and
wherein said pharmaceutical composition is in the form of one or more solid or liquid drug delivery systems, wherein said one or more solid or liquid drug delivery systems comprise at least drug loaded microparticles produced by preparation of an oil/water suspension system utilizing polymer microparticles.

21. (New) The pharmaceutical composition as claimed in claim 20, wherein a drug is embedded within the polymer microparticles forming an oil phase of the oil/water suspension system, and stabilizing agents for the microparticles forming an aqueous phase.